RESEARCH PROJECTS

REPORTS AND PUBLICATIONS

Agriculture and Rural Development Service

Office of War on Hunger

October 3, 1968

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

TO : WOH/RIG, Dr. Erven J. Long **DATE:** October 3, 1968

FROM : WOH/ARDS, Alvin D. Ayers

Alvin D. Ayers

SUBJECT: Reports and Publications from ARDS Research Projects

ARDS has been obtaining complete lists of reports and publications on research projects monitored by this Service. Most of the contractors have now furnished this information. Two copies are being supplied to you in notebook form. The list of ARDS research projects in the front of the book serves as the table of contents.

As of this date, we have not had replies from four of the contracts: Michigan State, Cornell and Purdue (2). This material will be furnished as soon as it is received.

Attachment: a/s (2 copies)

WOH/ARDS AGRICULTURAL RESEARCH . TECHNICAL ASSISTANCE PROJECTS

2/12/69

Mrs. Betty L. Neuhart
Program Analysis Officer

RESEARCH

Name of Project	Contract No.	Contractor	Project Leader	Proj. Monitors
1. Analysis of Factors Assoc. with Differences & Changes in Agric. Prod. in LDCs	PASA RA(AJ) 2-00	USDA/ERS	Dr. Raymond P.Christensen,Dir. Foreign Development & Trade Div. USDA/ERS Washington, D. C. 20250	Ward/Mack
2. Control of Vertebrate Pests: Rats, Bats & Noxious Birds	PASA RA(ID) 1-67	Dept. Interior Bur. Sport Fisheries & Wildlife	Mr. Weldon Robinson Denver Wildlife Res. Center Denver, Colorado 80225	Konnerup/Cat
3. Demand Prospects for Agric. Exports of LDCs	PASA RA(AJ) 2-66	USDA/ERS	Dr. Quentin West, Director Foreign Regional Analysis Div. USDA/ERS, Rm. 4503,So. Bldg. Washington, D. C. 20250	Mack/Ward
4. Development and Use of Improved Varieties of the Major Cereal Crops of Africa	PASA RA(AJ) 4-00	USDA/ARS	Dr. George F. Sprague USDA/ERS, Rm. 126, Bg-So-P Beltsville, Maryland	Sprague/Ayer
5. Improvement of Grain Legume Production in the Near East-South Asia, East Asia & Africa Regions	PASA RA(AJ) 3-00	USDA/ARS	Dr. August Kehr USDA/ARS Rm. 201, North Wing,Adm.Bldg. Plant Industry Station Beltsville, Maryland	Sprague/Ayer
6. Research on Sterility Method of Tsetse Fly Control	PASA RA(AJ) 1-00	USDA/ARS	Mr. Claude H. Schmidt ARS/USDA Rm. 116, Pg-No-P Plant Industry Station Beltsville, Maryland	Konnerup/ Caton
7. Tailoring of Fertilizers for Rice	PASA RA(AQ) 5-69	TVA	Dr. Donald L. McCune National Fertilizer Development Center Muscle Shoals, Alabama 35660	vanHaeften/ Parker

RESEARCH (Cont'd)

Name of Project	Contract No.	Contractor	Project Leader	Proj.Monitors
8. Diffusion of Innovations in Rural Societies	AID/csd-735	Michigan State Univ.	Dr. Everett Rogers Department of Communication Michigan State University East Lansing, Michigan 48823	McMillan
9. Analysis of Data on Development-Related Attitudes and Behavior of a National Sample of Turkish Peasantry	AID/csd-811	Massachusetts Inst. of Technology	Dr. Frederick W. Frey Center for International Studies Massachusetts Institute of Technology Cambridge, Mass. 02138	McMillan
10. Farm Marketing Facilities and Practices in Tropical Africa	AID/csd-801	Stanford Univ.	Dr. William O. Jones Director Food Research Institute Stanford University Stanford, California 94305	McMillan/ Mack
11. Analytical Study of AID/Univ. Programs in Agricultural Education & Research in LDCs (Phase II)	AID/csd-840 AID/csd-754	Purdue Research Foundation	Dr. Ira L. Baldwin CIC-AID Rural Development Research Project 1514 Van Hise Hall University of Wisconsin Madison, Wisconsin 53706	Caton/McMil Parker
12. Research on Hemoprotozoal Diseases of Food-Producing Livestock	AID/csd-1947	Texas A&M Univ.	Dr. Fred D. Maurer College of Veterinary Medicine Texas A&M University College Station, Texas 77853	Konnerup/ Caton

RESEARCH (Cont'd)

Name of Project	Contract No.	Contractor	Project Leader	Proj.Monitors
13. Analysis of Capital Formation and Utilization in the LDCs	AID/csd-1937	Ohio State University	Dr. R. A. Bailey Professor, Agricultural Economics Ohio State University Columbus, Ohio 43210	Ward
14. Technical & Economic Factors Associated with Establishment of Seed Industry in LDCs	AID/csd-1203	Mississippi State University	Dr. James C. Delouche Department of Agronomy Mississippi State Univ. P.O. Box 5267 State College, Miss. 39762	Ayers
15. Control of Weeds in the LDCs	AID/csd-1442	Oregon State University	Dr. William R.Furtick Department of Farm Crops School of Agriculture Oregon State University Corvallis, Oregon 97331	Gleason
16. Improvement of Nutritional Quality of Wheat Through Increased Protein Content and Improved Amino Acid Balances	AID/csd-1208	University of Nebraska	Dr. Paul J. Mattern Department of Agronomy College of Agriculture University of Nebraska Lincoln, Nebraska 68503	Sprague/ Ayers
17. Inheritance and Improvement of Protein Quality and Content in Sorghum Vulgare pers	AID/csd-1175	Purdue University	Dr. Robert C. Pickett Professor of Agronomy Purdue University Life Science Building Lafayette, Indiana 47907	Sprague/ Ayers

RESEARCH Cont'd)

Name of Project	Contract No.	Contractor	Project Leader	Proj. Monitors
18. Analysis of Data on the Nutrient Status of Soils in Latin America	AID/csd-287	North Carolina State Univ.	Dr. J. W. Fitts Department of Soil Science P.O. Box 5907 North Carolina State Univ. Raleigh, North Carolina 27607	Ayers
19. Seed Grain Drying and Storage	AID/csd-1588	Kansas State University	Dr. William J. Hoover, Director Food & Feed Grain Institute Kansas State University Manhattan, Kansas 66502	vanHaeften
20. Research on Farm and Equipment Power Requirements for Production of Rice and Associated Food Crops in the Far East and South Asia	AID/csd-834	International Rice Research Institute	Dr. A. Colin McClung Associate Director The International Rice Research Institute Manila Hotel Manila, Philippines	vanHaeften/ Caton
21. Factor Analysis for Accelerating Agricultural Productivity in LDCs (Mexico)	AID/csd-1467	International Marketing Institute	Dr. Simon Williams International Marketing Institute 16 Garden Street Cambridge, Massachusetts	Ward
22. Manuals on Control of Plant and Animal Pests	AID/csd-760	National Academy of Sciences	Dr. Howard B. Sprague National Academy of Sciences 2100 Pennsylvania Ave., N.W. Room 232 Washington, D. C. (STOP 44)	Lancetti/ Staff

RESEARCH (Cont'd)

Name of Project	Contract No.	Contractor	Project Leader	Proj. Monitors
23. Rural Development Analysis: Agriculture Sector Planning Models	AID/csd-1557	Michigan State University	Dr. Glen Johnson Department of Agricultural Economics Michigan State University East Lansing, Michigan 48823	Caton
24. Agricultural Prices in Economic Development	AID/csd-1438	Cornell University	Dr. John W. Mellor Department of Agricultural Economics N.Y. State College of Agric. Cornell University Ithaca, New York 14850	Ward/Mack
25. Comparative Study of Food Marketing Systems in LA Countries in Early Stages of Econ. Development	AID/csd-786	Michigan State University	Dr. Charles C. Slater Department of Marketing L.A. Market Planning Center Michigan State University East Lansing, Michigan 48829	McMillan/ Mack
26. Research and Training in Land Tenure and Reform in Latin America	AID/repas-3	University of Wisconsin	Dr. Peter Dorner, Director Land Tenure Center College of Agriculture University of Wisconsin Madison, Wisconsin 53706	McMillan/ Caton
27. Water Management Research in Arid & Sub-Humid Lands of LDCs	AID/csd-2167 AID/csd-2162	Utah State U. Colorado State U. Univ. of Calif.	Dr. A. A. Bishop Utah State University Logan, Utah Dr. Maurice Albertson Colorado State University Fort Collins, Colorado	Caton/ Kelley
28. Analysis of Programs for the Development & Improvement of Agricultural Credit Institutions & Services	AID/csd-463	Ohio State University	Dr. R. A. Bailey	Ward

PASA RA(AJ)
2-00

Project Title: Factors Associated With Differences and Changes in Agricultural Production in Underdeveloped Countries

Contractor: Economic Research Service, U.S. Department of Agriculture and Agency for International Development PASA No. RA-2-00

Publications:

1. Kenneth L. Bachman, "Can We Produce Enough Food," World Population and Food Supplies, 1980. American Society of Agronomy, Madison, Wisconsin, February 1965. 7 p.

2. Raymond P. Christensen, "Population Growth and Agricultural Development," Agricultural Economic Research, Vol. XVII, No. 4. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., October 1966. 11 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

*3. Raymond P. Christensen, Taiwan's Agricultural Development: Its Relevance for Developing Countries Today, FAER No. 39. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., April 1968. 93 p. (Available-- Economic Research Service, U.S. Department of Agriculture.)

4. Raymond P. Christensen and Harold T. Yee, "The Mechanics of Agricultural Productivity and Economic Growth," Agricultural Economics Research, Vol. XVI, No. 3. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., July 1964. 8 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

*5. Raymond P. Christensen, Robert D. Stevens, and William E. Hendrix, How The United States Improved Its Agriculture, ERS-Foreign 76. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., March 1964. 32 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

6. Raymond P. Christensen and Harold T. Yee, "The Role of Agricultural Productivity in Economic Development," Journal of Farm Economics, Vol. 46, No. 5. George Banta Publishing Company, Menasha, Wisconsin, December 1964. 11 p.

7. Raymond P. Christensen, "Agricultural Progress in Less Developed Countries," Economic Development of Agriculture. Iowa State University, Ames, Iowa, 1965. 24 p.

8. Wade F. Gregory, "Policies for Agricultural Development," Illinois Agricultural Economics, Vol. 4, No. 3. University of Illinois, Urbana, Illinois, December 1964. 20 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

*9. Wade F. Gregory, Agricultural Development in Greece, Mexico and Taiwan. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., September 1967. 25 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

10. Wade F. Gregory, "Economic Development of Agriculture in Taiwan," Summary Report of Seminar on Agricultural Development, June 19-29, 1966. Joint Commission on Rural Reconstruction, Taipei, Taiwan, May 1967. 10 p.

11. William E. Hendrix, "The Experience of More Rapidly Developing Countries," Economic Development of Agriculture. Iowa State University, Ames, Iowa, 1965. 13 p.

*12. Foreign Development and Trade Division, Changes in Agriculture in 26 Developing Nations: 1948 to 1963, FAER No. 27. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., November 1965. 134 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

13.. William E. Hendrix and Frank W. Parker, Foundations for Agrarian Development. Economic Research Service, U.S. Department of Agriculture, Washington, D.C. September 1963. 22 p. (Out-of print)

*14. William E. Hendrix, James J. Naive and Warren E. Adams, Accelerating India's Food Grain Production: 1967-68 to 1970-71, FAER No. 40. Economic Research Service, U.S. Department of Agriculture, Washington, D.C., March 1968. 28 p. (Available -- Economic Research Service, U.S. Department of Agriculture)

*15. Shri R. Giri and William E. Hendrix, Regional Differences in Crop Output Growth in Punjab 1952-53 to 1964-65. Ministry of Food, Agriculture, New Delhi, India, October 1967. 167 p. (Limited supply available -- Economic Research Service, U.S. Department of Agriculture)

16. William E. Hendrix, "Agricultural Development Lessons from the Experiences of Developing Nations," Agricultural Situation in India. Government of India, New Delhi, India, July 1966. 4 p.

17. Bandhudas Sen, "The Role of Agriculture's Contributions in The Theory of Economic Growth in Over-Populated Countries," Indian Journal of Agricultural Economics, Vol. XXII, No. 4, October to December 1967. 17 p.

*18. Reed Hertford, "The Development of Mexican Agriculture: A Skeleton Specification," Journal of Farm Economics, Vol. 49. George Banta Publishing Company, Menasha, Wisconsin, December 1967. 11 p. (Limited supply available -- Economic Research Service, U.S. Department of Agriculture)

19. Sherman E. Johnson and Raymond P. Christenson, "Efficient Use of Land, Labor, and Capital for Agricultural Development of Densely Populated Areas," Science, Technology, and Development: Agriculture, Vol. III. U.S. Government Printing Office, Washington, D.C., 1962. 17 p. (Available -- U.S. Govt. Printing Office)

20. Frank W. Parker, Donald D. Steward and Paul Peperzak, "The Expanding World Fertilizer Market," Fertilizer News. Fertilizer Association of India, New Delhi, India, March 1964. 10 p. (Limited supply available -- Economic Research Service, U.S. Department of Agriculture)

21. Frank W. Parker and Raymond P. Christensen, Fertilizers and The Economics of Crop Production. Economic Research Service, U.S. Department of Agriculture, Washington, D.C. 1965. 15 p. (Out of print)

22. Lawrence H. Shaw, "Alternative Measures of Aggregate Inputs and Productivity in Agriculture," Journal of Farm Economics, Vol. 49, No. 3. George Banta Publishing Company, Menasha, Wisconsin, August 1967. 14 p.

*23. Joint Commission on Rural Reconstruction (JCRR) and the Agency for International Development (AID), Summary Report of Seminar on Agricultural Development, June 19-29, 1966. Joint Commission on Rural Reconstruction, Taipei, Taiwan, May 1967. 110 p.

*24. United Nations, Fertilizer Manual. United Nations, New York, 1967. 218 p.

Chapter I. World Survey: People, Food and Fertilizer by Donald Steward.
Chapter II. Role of Fertilizer in Agricultural Production by Donald Steward and Frederic Coffey.
Chapter III. Criteria for Production Versus Importation of Fertilizers by Donald Steward.
Chapter IV. Demand for Fertilizers by Frederic Coffey.

(Available -- United Nations)

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE
BUILDING 16 DENVER FEDERAL CENTER
DENVER COLORADO 80225

PASA
RA(IN)1-67

August 13, 1968

Dr. Alvin D. Ayers, Acting Director
Agriculture & Rural Development Service
Office of War on Hunger
Department of State
Agency for International Development
Washington, D. C. 20523

Dear Dr. Ayers:

Our cooperative research project concerned with vertebrate pest situations has only recently been initiated. We do not have any publications to add to your document reference facility at this time.

Sincerely yours,

Nelson B. Kverno
Chief, Section of Mammals

PASA
RA(AJ) 2-66
USDA/ERS

Project Title: Analysis of Demand Prospects for Agricultural Exports of Less Developed Countries.

Contractor: ERS-USDA, RA(AJ) 2-66, PIO'T No. 931-11-990-467-3121206

Publications:

1. Arthur B. Mackie, World Trade in Selected Agricultural Commodities, 1951-65. Volume I.--Beverage Crops: Coffee, Cocoa, and Tea. ERS-USDA. FAER 42., June, 1968. 75 p.

2. Arthur B. Mackie, World Trade in Selected Agricultural Commodities, 1951-65. Volume III.--Textile Fibers: Cotton, Jute, and Other Vegetable Fibers. ERS-USDA. FAER 43., June, 1968. 76 p.

3. Arthur B. Mackie and J. Lawrence Blum, World Trade in Selected Agricultural Commodities, 1951-65. Volume IV.--Sugar, Fruits, and Vegetables. ERS-USDA. FAER 44., June, 1968. 109 p.

4. Arthur B. Mackie, A. Nicholas Filippello, John E. Hutchison, and James F. Keefer, World Trade in Selected Agricultural Commodities, 1951-65. Volume II.--Food and Feed Grains: Wheat, Rice, Maize, Barley, and Other Cereals. ERS-USDA. FAER 45., June, 1968. 170 p.

PASA RA(AS) 4-00

Project Title: Major Cereals in Africa

Contractor: ARS, U. S. Department of Agriculture

Publications:

1. Andrews, D. J., D. L. Curtis, and O. J. Webster. Sorghum Improvement in Northern Nigeria. African Soils 9:89-112. 1966

2. Craig, J., and L. A. Daniel-Kalio. Chlorotic lesion resistance to Helminthosporium maydis in maize. Plant Disease Reporter 52:134-136. 1968

3. Curtis, D. L., G. W. Burton and O. J. Webster. Carotenoids in Pearl Millet (Pennisetum americanum K. Schum). Crop Sci. 6:300-301. 1966

4. Doggett, H., and S. A. Eberhart. Recurrent selection in sorghum. Crop Sci. 8:119-121. 1968

5. Eberhart, S. A. The African sorghum-millet-maize scheme. Kenya Agricultural Journal. 1965

6. Eberhart, S. A. Maize breeding in Kenya. African Soils 9:399-411. 1966

7. Eberhart, S. A., M. N. Harrison and F.Ogada. A comprehensive breeding system. Der Zuchter 37:169-174. 1967

8. Futrell, M. C., and O. J. Webster. Ergot infection and sterility in grain sorghum. Plant Disease Reporter 49:680-683. 1965

9. Futrell, M. C., and O. J. Webster. Races of sorghum resistant to sooty stripe disease. Plant Disease Reporter 50:606-608. 1966

10. Futrell, M. C., and O. J. Webster. New sources of resistance to the downy mildew disease of sorghum. Plant Disease Reporter 50:(41-644. 1966

11. Futrell, M. C., and O. J. Webster. Host range and epidemiology of the sorghum ergot organism. Plant Disease Reporter 50:828-831. 1966

12. Futrell, M. C. Downy mildew reaction of grain sorghums in World collection. African Soils 9:177-179. 1966

13. Futrell, M. C., and O. J. Webster. Ergot infection and sterility in grain sorghum. African Soils 9:163-168. 1966

14. Futrell, M. C., and G. J. Webster. Fusarium scab of sorghum in Nigeria. Plant Disease Reporter 51:174-178. 1967

15. Lallmahomed, G. M., and J. Craig. Races of Puccinia polysora in Nigeria. Plant Disease Reporter 52:136-138. 1968

16. Sprague, G. F. International outlook for hybrid corn. Proceedings of 22nd Annual Hybrid Corn Industry-Research Conference, pp. 65-70. 1967

PASA
RA (AJ)
3-03

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Project Title: Improvement of Grain Legume Production in the Africa, NESA and NE Regions

Contractor: U.S. Department of Agriculture, AID/RA-3-00

Publications:

1. W. J. Kaiser, Dariush Danesh, Mahmoud Okhovat, and Hossein Hossahebi. 1968. Diseases of pulses (edible legumes) in Iran. Plant Disease Reporter 52(9):687-691.

2. Walter J. Kaiser and Louise V. Kaiser. 1968. The Challenge of Overseas Work. Phytopathology News Volume 2, numbers 7 and 8, July and August.

3. W. J. Kaiser, Dariush Danesh, Mahmoud Okhovat, and Hossein Hossahebi. 1968. Regional Pulse Improvement Project. Diseases of pulse crops (edible legumes) occurring in Iran. Iranian Journal of Plant Pathology 4(3):300-304.

4. W. J. Kaiser, K. E. Mueller, and Dariush Danesh. 1967. An outbreak of broadbean diseases in Iran. Plant Disease Reporter 51(7):595-599.

*5. Regional Pulse Improvement Project. 1967. Progress Report for the Year 1966. Regional Pulse Improvement Project, ARS, U.S. Department of Agriculture--U.S. Agency for International Development--Karaj Agricultural College, Karaj, Iran--Government of Iran, Ministry of Agriculture--Government of Iran, Plan Organization. 192 pages.

*6. Regional Pulse Improvement Project. Summary of Progress Report for the Year 1966. Regional Pulse Improvement Project, ARS, U.S. Department of Agriculture--U.S. Agency for International Development--Karaj Agricultural College, Karaj, Iran--Government of Iran, Ministry of Agriculture--Government of Iran, Plan Organization. (Prepared by W. J. Zaumeyer). 6 pages.

*7. Regional Pulse Improvement Project. 1966. Progress Report for July-December 1965. Regional Pulse Improvement Project, ARS, U.S. Department of Agriculture--U.S. Agency for International Development--Karaj Agricultural College, Karaj, Iran--Government of Iran, Ministry of Agriculture--Government of Iran, Plan Organization. 46 pages.

8. Regional Pulse Improvement Project. 1966. Summary of Progress Report for July-December 1965. Regional Pulse Improvement Project, ARS, U.S. Department of Agriculture--U.S. Agency for International Development--Karaj Agricultural College, Karaj, Iran--Government of Iran, Ministry of Agriculture, Government of Iran, Plan Organization. 5 pages.

*Useful for evaluative purposes.

9. Regional Pulse Improvement Project. 1965. Progress Report for January-June 1965. Regional Pulse Improvement Project, ARS, U.S. Department of Agriculture--U.S. Agency for International Development--Karaj Agricultural College, Karaj, Iran--Government of Iran, Ministry of Agriculture--Government of Iran, Plan Organization. 21 pages.

10. P. H. van Schaik. 1965. Progress Report of the Regional Pulse Improvement Project, July-December 1964. 7 pages.

*11. F. J. Williams, J. S. Grewal, and K. S. Amin. 1968. Serious and new diseases of pulse crops in India in 1966. Plant Disease Reporter 52:300-304.

12. W. J. Zaumeyer. 1965. The improvement of grain legume production in the Near East and South Asia. Progress Report. 5 pages. May.

*Useful for evaluative purposes.

Project Title: Improvement of Grain Legume Production in the Africa, NESA and FE Regions, RA-3-00

Publications:

1. Kenneth E. Gibson, Possible Incidence of Curly Top in Iran--A New Record. 1967. Plant Disease Reporter 51: 976-7.

PASA
RA(AJ) 1-00

Project Title: Research on sterility method of tsetse fly control

Contractor: University College of Rhodesia, AID/RA[AJ]-1-00

Publications:

*1. David A. Dame and Hugh R. Ford, Effect of the Chemosterilant Tepa on Glossina morsitans Westwood. Bulletin of Entomological Research, August, 1966. 649-658 pp. (Available from Dr. Claude H. Schmidt, Supervisor).

*2. David A. Dame, Godfrey J. W. Dean, and John Ford, Investigations on the Sterile Male Technique with Glossina morsitans. International Scientific Committee for Trypanosomiasis Research, November, 1964. 93-96 pp. (Available from Dr. Claude H. Schmidt Supervisor).

*3. David A. Dame, D. R. Birkenmeyer, and H. C. Mousely, The USDA Research Team for the Chemosterilization of Tsetse Flies. Annual Report Agricultural Research Council of Central Africa, 1966. 76-77 pp. (Available from Dr. Claude H. Schmidt, Supervisor).

Tailoring of Fertilizers for Rice

New Project

PUBLICATION LIST FOR July 1, 1968

DIFFUSION OF INNOVATIONS IN RURAL SOCIETIES

Diffusion Research Reports

Published

#1 Rogers, Everett M., Bibliography of Research on the Diffusion of Innovations, 1964.*

#2 Rogers, Everett M. and Johannes C. van Es, Opinion Leadership in Traditional and Modern Colombian Peasant Communities, 1964.

#3 Rogers, Everett M., Bibliography on the Diffusion of Innovations, 1965.*

#4 Rogers, Everett M., Bibliography on the Diffusion of Innovations, 1966.*

#5 Rogers, Everett M., and Ralph Neill, Achievement Motivation Among Colombian Peasants, 1966.

#6 Rogers, Everett M., Bibliography on the Diffusion of Innovations, 1967.

#7 Whiting, Gordon C., William A. Herzog, Gustavo M. Quesada, J. David Stanfield, and Lytton Guimaraes, Innovation in Brazil: Success and Failure of Agricultural Programs in 76 Minas Gerais Communities, 1967.

Summary of Diffusion Research Report # 7.

#9 (Mimeo) Fliegel, Frederick C., Prodipto Roy, Lalit K. Sen, and Joseph E. Kivlin Innovation in India: The Success or Failure of Agricultural Programs in 108 Indian Villages, 1967.

#9 (Hardback) Fliegel, Frederick C., Prodipto Roy, Lalit K. Sen, and Joseph Kivlin Agricultural Innovations in Indian Villages, 1968.

#12 (Mimeo) Roy, Prodipto, Frederick C. Fliegel, Joseph E. Kivlin, and Lalit K. Sen, Patterns of Agricultural Diffusion in Rural India, 1968.

#12 (Hardback) Roy, Prodipto, Frederick C. Fliegel, Joseph E. Kivlin, and Lalit K. Sen, Patterns of Agricultural Diffusion in Rural India, 1968.

#15 Kivlin, Joseph E., Prodipto Roy, Frederick C. Fliegel, and Lalit K. Sen, Communication in India: Experiments in Introducing Change, 1968.

#18 Kivlin, Joseph E., Correlates of Family Planning in Eight Indian Villages, 1968

#19 Reddy, S.K., and J.E. Kivlin, Adoption of High Yielding VArieties in Three Indian Villages, 1968.

#20 Danda, Ajit Kumar, and Dipali Ghosh Danda, Development and Change in a Bengal Village, 1968.

*No longer available.

NOTE: All theses and papers with their numbers underlined were published

#21 Roy, Prodipto, Adoption of Health Practices in Village India, 1968.

In Process

6 (Printout Supplement) will appear in 1968.

#8 Hursh, Gerald D., Arthur Nieloff, Neils Röling, and Graham Kerr, Innovation in Eastern Nigeria: Success and Failure of Agricultural Programs in 71 Villages, 1968.

#9 Popularized, shortened version will appear in 1968.

#10 Herzog, William A., Gordon C. Whiting, and J. David Stanfield, Patterns of Diffusion in Rural Brazil, 1968.

#11 Ascroft, Joseph R., Gerald D. Hursh, Neils Röling and Graham B. Kerr, Pattern of Diffusion in Rural Eastern Nigeria, 1968.

#13 Stanfield, J. David, and others, Communication in Brazil: Experiments in Introducing Change, 1968.

#14 Hursh, Gerald D., and others, Communication in Eastern Nigeria: Experiments in Introducing Change, 1968.

#16 Hursh, Gerald D. (ed.), Survey Research in Developing Nations, 1968.

#17 Whiting, Gordon C., and Lytton Guimarães (eds.), Communicacao de Novas Ideas: Pesquisas Aplicaves Ao Brasil, 1968.

#22 Sen, Lalit K., Opinion Leadership Analysis, 1968.

#23 Trivedi, D.N., Opinion Leaders and Their Role in Social Change, 1968.

Technical Reports

Published

1. Whiting, Gordon C., Empathy, Mass Media, and Modernization in Rural Brazil, 1967.

2. Herzog, William A., Jr., Literacy Training and Modernization: A Field Experiment, 1967

3. Yadav, Dharam P., Communication Structure and Innovation in Diffusion in Two Indian Villages, 1967.

4. Keith, Robert F., An Investigation of Information and Modernization Among Eastern Nigerian Farmers, 1968.

5. Rahim, Seyed A., Collective Adoption of Innovations by Village Cooperatives in Pakistan: Diffusion of Innovations in a Development System, 1968

In Process

6. Whiting, Gordon C., and John Winterton, Methodological Background of the Phase I MSU/AID-Brazil Diffusion Project, 1968

Theses* Available just by loans

Attah, Ben E., (M.A.), An Analysis of Polymorphic Opinion Leadership in Biafran (Eastern Nigerian) Communities, 1968.

Gohar, Salah A., (M.A.), A Synthesis of Correlates of Opinion Leadership, 1967.

Herzog, William A., Jr., (Ph.D.), The Effect of Literacy Training on Modernization Variables, 1967

Keith, Robert F., (M.A.), Information and Modernization: A Study Among Eastern Nigerian Farmers, 1968.

Rahim, Syed A., (Ph.D.), Diffusion of Innovations in a Development System: A Study of Collective Adoption of Innovations by Village Cooperatives in Pakistan, 1968.

Whiting, Gordon C., (Ph.D.), Empathy, Mass Media, and Modernization: A Study in Rural Brazil, 1967.

Yadav, Dharam P., (Ph.D.), A Comparative Analysis of Communication Structure and Innovation Diffusion in Two Indian Villages, 1967.

Papers

1. Stanfield, J. David, Nan Lin, and Everett M. Rogers, "Computer Simulation of Innovation Diffusion in a Peasant Village," 1965.

2. Rogers, Everett M., and Erwin P. Bettinghaus, "Comparison of Generalizations from Diffusion Research on Agricultural and Family Planning Innovations," 1966.

3. Rogers, Everett M., and J. David Stanfield, "Adoption and Diffusion of New Products: Emerging Generalizations and Hypotheses," 1966.

4. Herzog, William A., Jr., "Diffusion of Innovations to Peasants in Brazil, India, and Nigeria," (Paper presented at an interdisciplinary Seminar on the Transfer of Technology), 1968.

5. Rogers, Everett M., "Experience with Cross-National Research: The Diffusion Project in Brazil, Nigeria, and India," (Paper presented at the Second World Congress of Rural Sociology, Drienerlo, Enschede, Netherlands, August, 1968), 1968.

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*Available in Michigan State University Library.

7. Sen, Lalit K., "The Concepts of Tradition and Modernity: A Re-Evauuation," (Paper presented at the Second World Congress of Rural Sociology, Netherlands, August, 1968), 1968.

8. Stanfield, J. David, "The Corelates of Economic Development in Brazil," (Paper submitted for presentation at the Rural Sociological Society, Boston), 1968.

Working Papers

#1 Rogers, Everett M., "History of the AID Diffuison Project," (Undergoing revision), 1964.

#2 _____, "Organization and Research Staff Roles for the AID Diffusion Project," 1964.*

#3 _____, "Revised Operational Plan for Research Project on Diffusion of Innovations in Rural Societies," 1965.

#4 Whiting, Gordon C., "Field Experiments on the Diffusion of Innovations," 1965.*

#5 Herzog, William A., "Methodology and Procedures for Phase I, Village Analysis," 1965.*

#5 Yadav, Dharam P., and Everett M. Rogers, "Interpersonal Communication in Innovation Diffusion," 1966.

#7 Stanfield, J. David, Nan Lin, and Everett M. Rgoers, "Simulation of Innovation Diffusion," 1965.

#10 Rogers, Everett M., "Codebook for the MSU Diffusion Documents Center," 1967.

#10 _____, David Stanfield, William Skerrett, Leticia Smith, James White and Dharam P. Yadav, "Plan for a Diffusion Documents Center," 1964.*

#12 Scott Richard A.M., "Village Observation Guide," 1965.*

#13 _____, "Proposed Films on the AID Diffusion Project in Brazil," 1965.*

#14 Herzog, William A., Jr., "Administrative Procedures Manual for the AID Diffusion Project," 1965.

#15 Rogers, Everett M., Leticia Smith and Teresa Chou, "The MSU Diffusion Documents Center: Standard Operating Procedures and Future Policies," 1965.

#16 Bebermeyer, James P., and Everett M. Rogers, "Mass Media and Interpersonal Communication in National Development," 1966.

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*No longer available.

#17 Keith, Robert F., and Everett M. Rogers, "Phase II Concepts: Definitions and Suggested Measurement," 1966.

#18 Chou, Teresa Kang Mei and Everett M. Rogers, "Homophily in Interpersonal Communication Patterns in the Diffusion of Innovations: An Illustration from Three Colombian Villages," 1966.

#19 Ramos, Eduardo L., "Paired Comparisons Analysis of Source Credibility Among Peasants," 1966.

#20 Carroll, Tom W., "Diffusion Research: Application to National Surveys in Developing Countries," 1968.

#21 Quesada, Gustavo M., "Credit in Rural Brazil: A Comparison Between Farmers Holding Loans from ACAR, Banks, Private Sources, and Those Who Are Non-credit Holders (With a Summary in Porutguese), 1968.

Journal Articles

1. Thorat, S.S., and F.C. Fliegel, "Some Aspects of Adoption of Health and Family Planning Practices in India," Behavioural Sciences and Community Development, Vol. 2, No. 1, March, 1968.

2. Thorat, Sudhakar S., "Some Salient Characteristics of Sarpanchas and the Success or Failure of Agricultural Innovations in India's Villages," Behavioural Sciences and Community Development, Vol. 2, No. 1, March, 1968.

3. Sen, Lalit K., "Social Psychological Correlates of Adoption of Agricultural Innovations," Behavioural Sciences and Community Development, Vol. 2, No. 1, March, 1968.

Popular Report

In Process

Roy, Prodipto, Joseph E. Kivlin, Frederick C. Fliegel, and Lalit K. Sen, "Two Blades of Grass," 1968.

August 22, 1968

Project Title: Rural Development Research Project

Contractor: Center for International Studies, Massachusetts Institute of Technology, AID/csd-811.

I. Project Reports

*Report #1 Frederick W. Frey, Herbert H. Hyman, General Description and Evaluation. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., 1967. 50 p. (Available - Center for International Studies).

Report #2 Frederick W. Frey, Allan Kessler, Joan Rothchild, Index Construction and Validation. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., 1967. (Available - Center for International Studies)

*Report #3 Frederick W. Frey, The Mass Media and Rural Development in Turkey. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., Jan. 28, 1966. 206 p. (Available - Center for International Studies).

*Report #4 Frederick W. Frey, Regional Variations in Rural Turkey. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., Dec. 1, 1966. 67 p. (Available - Center for International Studies).

Report #5 Frederick W. Frey, Noralou Roos, Age as a Factor in Turkey's Rural Development. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., Oct. 19, 1967. 12 p. (Available - Center for International Studies).

Report #6 Frederick W. Frey, Ayse Sertel, Land Ownership and Peasant Orientations in Rural Turkey. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., 1967. 30 p. (Available - Center for International Studies).

Report #7 Frederick W. Frey, Leslie Roos, The Propensity to Innovate Among Turkish Peasants. Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass., Oct. 19, 1967. 17 p. (Available - Center for International Studies).

* Most useful for evaluative purposes.

II. Other Publications

1. Frederick W. Frey, The Mass Media and the Turkish Peasant. August, 1964, 21 p. (Mimeo - available - Center for International Studies).

2. Frederick W. Frey, The Politicization of the Turkish Peasantry: Selected Aspects. 46 p. (Mimeo - available - Center for International Studies).

3. Frederick W. Frey, Socialization to National Identification Among Turkish Peasants. 1966, 35 p. (Mimeo - available - Center for International Studies).

AID/csd - 801

Project Title: Research and development program in farm marketing facilities and practices in tropical Africa

Contractor: Stanford Research Institute, AID/csd-801

Publications:

1. Alan R. Todey, Marketing of Staple Foods in Western Nigeria, Stanford Research Institute, Menlo Park, California, March, 1968. Volumes I, II, III and IV, 1107 p.
(Available - U.S. Agency for International Development)

2. Vance Q. Alvis and Peter E. Temu, Marketing Selected Foodstuffs in Kenya, West Virginia University, Morgantown, West Virginia, I.P. 25 (presumably University's serial number), March, 1968, 358 p.
(Available - U.S. Agency for International Development)

3. R. J. Mutti, Marketing Staple Food Crops in Sierra Leone, University of Illinois, Urbana, Illinois, June, 1968, 442 p.
(Available - U.S. Agency for International Development)

AID/csd-840
AID/csd-754

Analytical Study of AID/University Programs in Agricultural Education and Research in LDCs

No reply to letter of 8/9/68.

TEXAS A&M UNIVERSITY
COLLEGE OF VETERINARY MEDICINE
COLLEGE STATION TEXAS 77843

AID/c
1947

August 13, 1968

Office of
The Dean

Alvin D. Ayers, Acting Director
Agriculture & Rural Development Service
Office of War on Hunger
Department of State
Agency for International Development
Washington, D.C. 20523

Dear Mr. Ayers:

Ref. our project AID/csd - 1947, "Research on Hemoprotozoal Diseases of Food Producing Livestock".

Since this project was approved on 1 July, 1968, no published reports of our work are yet available, but we will be glad to report such publications as they occur.

We are awaiting actual funding of this contract through an initial advance as requested in the letter from Dr. Gray to Mr. Moncada on 22 July. Until some schedule of funding is available, we are reluctant to make financial commitments.

Sincerely yours,

Fred D. Maurer
Associate Dean

FDM:cb

Analysis of Capital Formation and Utilization in the LDCs

New project

See Project 28 - AID/csd-463

Analysis of Programs for the Development and Improvement of Agricultural Credit Institutions and Services

August 20, 1968

Project Title: Services in Seed Technology

Contractor: Mississippi State University, AID-W-607

Publications and Reports:

1. C. Hunter Andrews, Seed Certification Program in Taiwan - Subsequent Evaluations and Recommendations. Mississippi State University, State College, Miss., November 25, 1959. 16 p., Mimeo. (Out of print).

2. C. Hunter Andrews and Charles E. Vaughan, Report to ICA on Consultative Visits to South and Central America, February 29 - March 11, 1960. Mississippi State University, State College, Miss., March, 1960. 8 p., Mimeo. (Out of print).

3. C. C. Baskin, T. T. Rushing, and J. C. Delouche, Influence of Packaging Materials on Storage of Wheat, Corn and Soybean Seed under Temperate,Artic and Tropical Conditions. Mississippi State University, State College, Miss., June, 1968. 20 p. Mimeo.

4. A. H. Boyd, Jr., Report on Services Rendered under AID-W-607 to El Salvador during Period 18 March - 25 March, 1968. Mississippi State University, State College, Miss., Jur , 1968. 3 p. Mimeo.

5. H. D. Bunch, Report of a Trip to Brazil with a Stopover in Costa Rica as Consultant in Seed Technology, June 3 - August 16, 1963. Mississippi State University, State College, Miss., September, 1963. 4 p. Mimeo. (Out of print).

6. H. D. Bunch, Seed Teams, Help---Build a Better World. Crops and Soils, June - July Issue, 1962. (Out of print).

7. H. D. Bunch and C. H. Andrews, Report of First Latin America Seed Training Course to International Cooperation Administration, Chillan Chile, February 16 - March 13, 1959. Mississippi State University, State College, Miss., March, 1959. 13 p., Mimeo. (Out of print).

8. H. D. Bunch, James Sutherland, Jr. and Clair R. Porter. Report on Consultation Mission (Seed Improvement) to Brazil. Mississippi State University, State College, Miss., October, 1963. 16 p. Mimeo. (Out of print).

9. William P. Caldwell and H. Dean Bunch, Effect of Seed Moisture and Packaging Container upon Viability and Vigor of Wheat, Cabbage and Soybean Seeds during Transoceanic Shipment and Subsequent Storage. 1961 Annual Meeting, American Society of Agronomy, Agronomy Abstracts (1961) p. 72. (Also mimeographed version of original paper, Mississippi State University, State College, Miss., November, 1961. 4 p. illustrated).

10. William P. Caldwell and H. Dean Bunch, Transoceanic Shipment and Subsequent Storage of Nine Kinds of Seed Packaged in Different Containers at Various Moisture Levels. Mississippi State University, State College, Miss., October, 1963. 28. (Out of print).

11. J. C. Delouche, Agricultural Development, Seedsmen's Digest, Seed Processors Clinic, Vol. 19, May, 1968. p. 32.

12. J. C. Delouche, A World to Feed. Seedsmen's Digest, Seed Processor's Clinic, Vol. 17, September, 1966. p. 34.

13. J. C. Delouche, Evaluación de los Analisis de Germinación. Mississippi State University, State College, Miss., December, 1959. 33 p. illustrated. Spanish translation by Mrs. June Adams. (Out of print).

14. J. C. Delouche, Spotlight on Seeds. Seedsmen's Digest, Seed Processors Clinic, Vol. 18, August, 1967. p. 27.

15. J. C. Delouche and C. Hunter Andrews, Report to ICA on the Far East Seed Technology Training Course, August 29 - September 24, 1960. Mississippi State University, State College, Miss., October, 1960. 27 p. (Out of print).,

16. James C. Delouche, C. Hunter Andrews, and C. E. Vaughan, Report to ICA on the Second Latin American Seed Processing and Seed Testing Short Course, Santiago/Chillan, Chile, February 8-27, 1960. Mississippi State University, State College, Miss., March, 1960. 39 p. (Out of print).

17. J. C. Delouche and Nghe Thi Nguyen, Methods for Overcoming Seed Dormany in Rice. Proceedings Association Official Seed Analysts, Vol. 54, p. 41-49. 1964.

18. James C. Delouche, T. Wayne Still, Mabel Raspet, and Myrta Lienhard; L'Essai au Tetrazolium pour Determiner la Vitalité des Semences., Centre Regional D'Editions Techniques (C.R.E.T.). Collection; Techniques Americaines - 61. Paris, 1966, 90 pp. (French edition of Mississippi Agricultural Experiment Station Technical Bull. 51, November, 1962, 63 p. illustrated.

19. G. M. Dougherty, Report (to AID) on Seed Improvement Consultation in Republic of South Vietnam, August 8 - September 3, 1963. Mississippi State University, State College, Miss., September 3, 1963. 8 p. Mimeo. (Out of print).

20. G. M. Dougherty, Report on Seed Technology Consultation in Taiwan, September 16 - October 15, 1963. Mississippi State University, State College, Miss., October 15, 1963. 7 p., Mimeo. (Out of print).

21. Don F. Grabe, A Seed Testing Laboratory for the Far East Countries. Mississippi State University, State College, Miss., October 26, 1959. 6 p. Mimeo. 1 blueprint.

22. Don F. Grabe, Seed Certification in Taiwan - Evaluation and Recommendations. Mississippi State University, State College, Miss., September 18, 1959. 26 p., Mimeo. (Out of print).

23. B. R. Gregg, Informal Report on Visits with Central American AID/Missions, August 15 - September 5, 1966. Mississippi State University, State College, Miss., October, 1966. 38 p. Mimeo.

24. B. R. Gregg, Report to USAID/Panama on Technical Assistance to the Pure Seed Program of the Republic of Panama, February 13 - March 17, 1967. Mississippi State University, State College, Miss., April, 1967. 29 p. Mimeo.

25. James D. Helmer, Formulacion y Desarrollo de un Programa de Certificacion de Semillas. (Invititional paper presented to annual meeting of Projecto Cooperativa Centroamericano para el Mejormiento de Cultivos Alimenticos, March 28 - April 1, 1966, Managua, Nicaragua). Mississippi State University, State College, Miss., March, 1966. 12 p. Mimeo. (Out of print).

26 James D. Helmer and James C. Delouche, Rice Seed Storage in Costa Rica as Influenced by Seed Moisture Content and Packaging Containers. Mississippi State University, State College, Mississippi, August, 1964. 28p.

27. A. J. M. Azizul Islam. Comparison of Methods for Evaluating Deterioration in Rice Seed. Mississippi State University, State College, Miss., January, 1967. Master of Science Thesis. 61 p.

28. Anastacio Tolentino Mercado. Moisture Equilibrium and Quality Evaluation of Five Kinds of Seed Stored at Various Relative Humidities. Mississippi State University, State College, Miss., August, 1967. Master of Science Thesis, 56 p.

29. Seed Technology Laboratory (compiled and edited by), Articles Closely Related to Seed Improvement. Mississippi State University, State College, Miss., June, 1960. 77 p. (Out of print).

30. Seed Technology Laboratory (compiled and edited by), Foundation Seed. Mississippi State University, State College, Miss., June, 1960. 64 p. (Out of print).

31. Seed Technology Laboratory (compiled and edited by), Seed Certification Mississippi State University, State College, Miss., June, 1960. 74 p. (Out of print).

32. Seed Technology Laboratory (compiled and edited by), Seed Drying and Storage. Mississippi State University, State College, Miss., June, 1960. 85 p. (Out of print).

33. Seed Technology Laboratory (compiled and edited by), Seed Treatment. Mississippi State University, State College, Miss., June,1960. 72 p. (Out of print).

34. Prasoot Sittisroung, Storage of Rice (Oryza sativa) and Cowpea (Vigna sinensis) Seed. Mississippi State University, State College, Miss., June, 1967. Master of Science Thesis. 59 p.

35. Staff, Curso Especial de Capacitacion Sobre Manejo Seleccion y Analisis de Semillas Para America Latina, 16 de Febrero - 13 de Marzo, 1959. 48 p. Mimeo. Illustrated. (Out of print).

36. Staff, El Analisis de Pureza y la Identificacion de las Semillas. Mississippi State University, State College, Mississippi, February, 1959. 31 p. Illustrated. Translated into Spanish by Sra. Sylvia de Fuentes. (Out of print).

37. Staff, Germinacion. Mississippi State University, State College, Miss., February, 1959. 18 p. Mimeo. Illustrated. (Out of print).

38. Staff, Honduran Seed Program - Considerations, Designs, and Specifications for Seed Drying - Processing - Storage - Office Facilities. Mississippi State University, State College, Miss., January, 1967. 85 p. 17 blueprints. (Compliation and summary of 11 separate reports, including blueprints, issued during period October 1964 - December, 1966).

39. Staff, Prospecto Cursos Especiales Para America Latina en Analisis de Semillas y Seleccion de Semillas. Mississippi State University, State College, Miss., January, 1960. 11 p. (Out of print).

40. Staff, Prospectus -- Far East Seed Technology Training Course, August 29 - September 24, 1960. Mississippi State University, State College, Miss., June, 1960. 6 p. (Out of print).

41. Staff, Report 1 - Design Characteristics of La Molina (Peru) Seed Processing Plant. Report 2 - Ear Corn Dryer Loading and Unloading Conveyor System for La Molina. Mississippi State University, State College, Miss., August, 1967. Report No. 1, 10 p. Report No. 2,9 p. 4 blueprints.

42. Staff, Report 1 (Revised) - Design Characteristics and Equipment Specification List for La Molina (Peru) Seed Processing Plant. Mississippi State University, State College, Miss., Date of revision, March, 1968. 9 p. Mimeo. 2 blueprints.

43. Staff, Report 2 (Revision) Ear Corn Dryer Loading and Unloading Conveyor System for La Molina (Peru). Mississippi State University, State College, Miss., Date of revision March, 1968. 9 p. Mimeo. 2 blueprints.

44. Staff, Requirements, Considerations, Specifications and Equipment Price List for the San Andres Experiment Station Seed Facilities, San Andres, El Salvador. Mississippi State University, State College, Miss., June, 1968. 50 p., 10 blueprints.

45. Staff, Seed Processing Plant (for) Centro de Investigacciones Agronomicas Maracay, Venezuela. Mississippi State University, State College, Miss., November, 1964. 10 p. Mimeo. 3 blueprints.

46. Staff, Services Rendered under the Agreement between the International Cooperation Administration and Mississippi State University, ICA-W-607. Mississippi State University, State College, Miss., March, 1959. 4 p., Mimeo. (Out of print).

47. Staff, Services Rendered under the Agreement between the International Cooperation Administration and Mississippi State University, ICA-W-607. Mississippi State University, State College, Miss., March, 1960. 13 pp. Mimeo. (Out of print).

48. Staff, Services Rendered under the Agreement between the International Cooperation and Mississippi State University, PIO/T 99-13-065-3-89026, March, 18, 1958 - March 17, 1961. Mississippi State University, State College, Miss. March, 1961. 9 p. Mimeo. (Out of print).

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50. Staff, Services Rendered under the Agreement between the Agency for International Development and Mississippi State University, AID-W-607., March 18, 1959 - December 19, 1963. Mississippi State University, State College, Miss., January, 1963. 21 pp. Mimeo. (Out of print).

51. Staff, Services Rendered under the Agreement between the Agency for International Development and Mississippi State University, AID-W-607, March 18, 1958 - December 31, 1964. Mississippi State University, State College, Miss., December, 1964. 26 p. Mimeo. (Out of print).

52. Staff, Services Rendered under the Agreement between the Agency for International Development and Mississippi State University, AID-W-607, March 18, 1958 - December 31, 1965. Mississippi State University, State College, Miss., December, 1965. 31 p. Mimeo. (Out of print).

53. Staff, Services Rendered under AID-W-607 by Mississippi State University, January 1, 1966 - March 1, 1967. Mississippi State University, State College, Miss., March, 1967. 5 p. Mimeo. (Out of print).

54. Staff, Services Rendered under the Agreement between the Agency for International Development and Mississippi State University, AID-W-607 (Supplement to Report for Period March 18, 1958 - March 17, 1967). Mississippi State University, State College, Miss., June, 1968. 18 p. Mimeo.

55. Staff, Report to the Agency for International Development, Services Rendered under the Agreement between the Agency for International Development and Mississippi State University, AID-W-607, March 18, 1958, March 17, 1967. Mississippi State University, State College, Miss., June, 1967. 58 p. Illustrated.

56. Staff, Specifications for Foundation Seed Processing Plant, Agronomy Department, Vicosa. Minas Gerais, Brazil. Mississippi State University, State College, Miss., October, 1963. 10 p. 2 blueprints.

57. Staff, Specifications for Grain Elevator and Bagged Storage Warehouse Consejo Nacional de Produccion, Barranca, Costa Rica. Mississippi State University, State College, Miss., June, 1964. 109 p. 7 blueprints.

58. Staff, Specifications - Seed Drying and Processing Plant, Rebublic of Ghana. Mississippi State University, State College, Miss., July, 1963. 50 p., 7 blueprints.

59. Staff, Specifications for Seed Processing Plant for National Institute of Agronomic Research, Rabat, Morocco., Mississippi State University, State College, Miss., July, 1964. 6 p. 3 blueprints.

60. Staff, Specifications (for) Seed Storage, Drying, and Processing Plant, Rio Grande de Sul Brazil. Mississippi State University, State College, Miss., November, 1963. 100 p. Mimeo. 5 blueprints.

61. Staff, Suggested Plans for Proposed Seed Processing Plant in Paraguay. Mississippi State University, State College, Miss., January, 1959. 11 p. Mimeo, 4 blueprints. (Out of print).

62. T.Y. Sung and James C. Delouche, Relation of Specific Gravity to Vigor and Viability in Rice Seed. Proceedings Association Official Seed Analysts Vol. 52, p. 162-168. 1962.

63. C. E. Vaughan, Prospectus - Short Course on Seed Processing - September 2 - 8, 1963, Provincial Department of Agriculture and Forestry, Taichung, Taiwan. Mississippi State University, State College, Miss., August, 1963. 14 p. In English and Chinese. (Out of print).

64. Charles E. Vaughan, Report to ICA and USOM/Costa Rica (on consultative visit). Mississippi State University , State College, Miss., September, 1960. 9 p., 7 blueprints . (Out of print).

65. Charles E. Vaughan, Report to USAID/Morocco on Services Rendered (Consultation Assignment). Mississippi State University, State College, Miss., July, 1967. 8 p. Mimeo.

66. C. E. Vaughan, Seed Processing in Taiwan - Evaluation and Recommendations. Mississippi State University, State College, Miss., September 18, 1963. 10 p., Mimeo.. (Out of print).

67. C. E. Vaughan, B. R. Gregg, and James C. Delouche. ed., Seed Processing and Handling. Mississippi State University, State College, Miss. January, 1968. Handbook No. 1. 295 p. Illustrated.

68. Charles E. Vaughan, G. Burns Welch and H. Dean Bunch. Seed Processing Machinery. Mississippi State University, State College, Miss., June, 1962. 59 p. (Out of print).

69. G. Burns Welch, Report on Consultation Assignment with USAID/ Morocco, April 18 - June 1, 1968. Mississippi State University, State College, Miss., August, 1968. 7 p. Mimeo.

70. G. Burns Welch and B. R. Gregg., Conclusions and Recommendations as Part of Summary Report to USAID/Panama on Panama Accelerated Seed Program, April 4 - 14, 1966. Mississippi State University, State College, Miss., May, 1966. 7 p. Mimeo.

71. G. Burns Welch and B.R. Gregg, Report to USAID/Panama on Panama Accelerated Seed Program (consultation visit, April 4 - 14, 1966). Mississip State University, State College, Miss., June, 1966. 29 p. Mimeo.

72. G. Burns Welch and James C. Delouche, Environmental and Structural Requirements for Seed Storage. Mississippi State University, State College Miss., January, 1968. Journal Paper No. 1607, Miss. Agr. Exp. Station, presented at 1968 Annual Meeting, Southeast Region, American Society of Agricultural Engineers. 14 p. Mimeo.

73. G. Burns Welch and James C. Delouche, Low Cost Temperature Controlled Rooms. Mississippi State University, State College, Miss., August, 1968. Miscellaneous Publication 1. 13 p. Illustrated.

74. G. Burns Welch and James C. Delouche, Seed Processing and Storage Facilities for Tropical Areas. Mississippi State University, State College, Miss., June 1967. Paper No. 67-318, Presented at 60th Annual Meeting, American Society of Agricultural Engineers , Saskatoon, Canada. 20 p. Mimeo.

75. Louis N. Wise, Recommendations Made to ICA/Washington (on 2nd Far East Seed Improvement Workshop, May 11 - 29, Tokyo, Japan). Mississippi State University, State College, Miss., June, 1959. 4 p. Mimeo. (Out of print).

76. Louis N. Wise, Report on Seed Improvement Consultation Visit to Brazil, April 7 - 20, 1963. Mississippi State University, State College, Mi May 8, 1963. 9 p. Mimeo. (Out of print).

Project Title: Development of Weed Control in Less Developed Countries

Contractor: Oregon State University, AID/csd-1442

Publications: The following are in multilith form, available from Farm Crops Department, Oregon State University.

Mimeo 67-1 Dean R. Donaldson and Luis Figuerola, Helpful U.S.-Metric Conversions, Oregon State University, Corvallis, Oregon, 1967, 7 p.

Mimeo 67-2 Juan Cardenas and Lane Coulston, Weeds of Colombia, Oregon State University, Corvallis, Oregon, 11 p.

Mimeo 67-3 Juan Cardenas and Lane Coulston, Weeds of Mexico, Oregon State University, Corvallis, Oregon, 1967, 6 p.

Mimeo 67-4 Juan Cardenas and Lane Coulston, Weeds of Central America, Oregon State University, Corvallis, Oregon, 1967, 22 p.

Mimeo 67-5 Juan Cardenas and Lane Coulston, Weeds of Trinidad, Oregon State University, Corvallis, Oregon, 1967, 6 p.

Mimeo 67-6 Juan Cardenas and Lane Coulston, Weeds of Dominican Republic, Oregon State University, Corvallis, Oregon, 1967, 3 p.

Mimeo 67-7 Juan Cardenas and Lane Coulston, Weeds of Peru, Oregon State University, Corvallis, Oregon, 1967, 8 p.

Mimeo 67-8 Juan Cardenas and Lane Coulston, Weeds of Venezuela, Oregon State University, Corvallis, Oregon, 1967, 8 p.

Mimeo 67-9 Juan Cardenas and Lane Coulston, Weeds of Uruguay, Oregon State University, Corvallis, Oregon, 1967, 9 p.

Mimeo 67-10 Juan Cardenas and Lane Coulston, Weeds of Puerto Rico, Oregon State University, Corvallis, Oregon, 1967, 13 p.

Mimeo 67-11 Juan Cardenas and Lane Coulston, Weeds of Chile, Oregon State University, Corvallis, Oregon, 5 p.

Mimeo 67-12 Juan Cardenas and Lane Coulston, Weeds of Argentina, Oregon State University, Corvallis, Oregon, 1967, 17 p.

Mimeo 67-13 Juan Cardenas and Lane Coulston, Weeds of Brasil, Oregon State University, Corvallis, Oregon, 1967, 15 p.

Mimeo 67-14 William R. Furtick, 1st Annual Progress Report, "Development of Weed Control in Less Developed Countries," Oregon State University, Corvallis, Oregon, 1967, 20 p.

Mimeo 67-15 Juan Cardenas, 1st Monthly Progress Report, "Development of Weed Control in Less Developed Countries," Oregon State University, Corvallis, Oregon, August, 1967, 11 p.

Mimeo 68-1 William R. Furtick and R. R. Romanowski, Jr., Weed Research Methods Manual for Establishing Key Programs, Oregon State University, Corvallis, Oregon, January, 1968.

Project Title: Improvement of the nutritional quality of wheat through increased protein content and improved amino acid balance.

Contractor: University of Nebraska, AID/csd-1208

Publications:

1. P. J. Mattern, V. A. Johnson, D. A. Whited, and J. W. Schmidt. Effect of protein content in winter wheats on levels of essential amino acids. 5th National Conference on Wheat Utilization Research, Fargo, North Dakota, November 1-3, 1967. pp. 106-117. (Available as publication ARS-71-37, Northern Utilization Research and Development Division, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604.)

2. *V. A. Johnson, D. A. Whited, P. J. Mattern, and J. W. Schmidt. Current efforts to improve the nutritional value of wheat. Wheat Quality Conference Report, Minneapolis, Minnesota, January 10, 1968. pp. 24-37. (Available - Crop Quality Council, 828 Midland Bank Building, Minneapolis, Minnesota 55401.)

3. *V. A. Johnson, P. J. Mattern, D. A. Whited, and J. W. Schmidt. Breeding for high protein content and quality in wheat. Panel on New Approaches to Breeding for Plant Protein Improvement, Food and Agricultural Association/International Atomic Energy Agency, Sweden, June 17-21, 1968. (Available - International Atomic Energy Agency, Vienna, Austria.)

* Most useful for evaluative purposes.

Inheritance and Improvement of Protein Quality and Content in Sorghum Vulgare pers

No reply to letter of 8/9/68.

Project Title: The Fertilizer Requirements of Countries in Latin America

Contractor : North Carolina State University, AID/csd-287

Publications :

*1. Robert B. Cate, Jr. and Larry A. Nelson, A Rapid Method for Correlation of Soil Test Analyses with Plant Response Data. North Carolina State University, Raleigh, N.C., July 1965. 15 p. (Available - N. C. State University, International Soil Testing). 1/ 2/

*2. J. W. Fitts, R. B. Cate, Jr., A. H. Hunter, J. L. Walker, and D. L. Waugh, Evaluation of Soil Fertility in Latin America: Soil Testing-Plant Analyses 1965 North Carolina State University, Raleigh, N.C., December 1965. 51 p. (Available - N. C. State University, International Soil Testing). 1/ 2/

*3. D. L. Waugh and J. W. Fitts, Soil Test Interpretation Studies: Laboratory and Potted Plant. North Carolina State University, Raleigh, N.C., December 1966 33 p. (Available - N. C. State University, International Soil Testing). 1/ 2/

4. E. J. Kamprath, Soil Acidity and Response to Liming. North Carolina State University, Raleigh, N.C., October 1967. 21 p. (Available - N. C. State University, International Soil Testing). 1/ 2/

*5. The Fertilizer Requirements of Countries in Latin America - Annual Report 1965. North Carolina State University, Raleigh, N.C., 1965. 108 p. (Out of print).

*6. The Fertilizer Requirements of Countries in Latin America - Annual Report 1966. North Carolina State University, Raleigh, N.C., 1966. 185 p. (Available - N. C. State University, International Soil Testing).

*7. The Fertilizer Requirements of Countries in Latin America - Supplemental Report. North Carolina State University, Raleigh, N.C., May 1967. 25 p. (Available - N. C. State University, International Soil Testing).

*8. The Fertilizer Requirements of Countries in Latin America - Annual Report 1967. North Carolina State University, Raleigh, N.C., 1967. 159 p. (Available - N. C. State University, International Soil Testing).

9. J. W. Fitts and D. Goodson, Fertilizer Requirements of Latin America. International Agricultural Development Service, USDA, Washington, D. C., Oct. 1966. 2 p. (Out of print).

10. D. L. Waugh, Metodos Quimicos de Analisis de Suelos. Simposio: Evaluation de Metodos Para Determinar Necesidades de Fertilizantes de los Cultivos, Universidad Agraria, Lima, Peru, Nov. 14-15, 1967. 9 p.

11. J. W. Fitts, The Fertilizer Requirements of Soils of Latin America and Part of West Africa. North Carolina State University, Raleigh, N.C. 9 p. (Out of print).

12. J. W. Fitts, Soil Management - Afghanistan. North Carolina State University Raleigh, N.C., September 27, 1967. 13 p. (Not available).

13. J. W. Fitts, Soil Testing - Turkey. North Carolina State University, Raleigh, N. C., September 1967. 21 p. (Not available).

14. Robert B. Cate, Jr. and Leandro Vettori, Economic Returns from Fertilizer Use - Based on Soil Test Information. North Carolina State University, Raleigh, N. C. 8 p. (Available - N. C. State University, International Soil Testing). 1/

15. Donovan L. Waugh and Robert B. Cate, Jr., Preparing for Mechanized Data Processing in Soil Testing Programs. North Carolina State University, Raleigh, N.C., September 1968. Approx. 10 p. (in press). (Available in September - N. C. State University, International Soil Testing).

16. Alejandro, Fuentes, Carlos Fernandez, and James L. Walker, How to Take Soil Samples. Ministry of Agriculture, Guatemala, C. A. 1966. 3/

17. Regional Symposium on Economic Impact Through Soil and Plant Analysis. Proceedings reproduced by N. C. State University, International Soil Testing. 141 p (Sponsored by Ministry of Natural Resources in Honduras and International Soil Testing; held in Tegucigalpa, Honduras, May 8-13, 1967). 1/

1/ Also available in Spanish
2/ Also available in Portuguese
3/ Spanish only

PROJECT TITLE: TECHNICAL ASSISTANCE IN FOOD GRAIN DRYING, STORAGE, HANDLING AND TRANSPORTATION

CONTRACTOR: Kansas State University, AID/csd-1588

PUBLICATIONS:

*1. William J. Hoover, Review of memorandum-Pioneer farms (Ghana) Ltd. September 1, 1967. Letter to Mr. James P. Emerson, Agriculture Division, Office of Institutional Development, Bureau for Africa, Department of State, AID/Wash, October (August) 2, 1967. 2 p. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas 66502).

*2. Arlin B. Ward, Rice modernization proposal, US/AID Guyana (A review of the Rhodes/Checchi report titled "Preview of Recommendations by Rhodes/Checchi, Joint Venture Guyana Rice Feasibility Study," October 16, 1967. Report to Mr. Robert C. Hamer, Director, US/AID Guyana, October 20, 1967. 7 p.
Photographic Supplement. 94 photographs, April, 1968. 28 p.
Sample Supplement. April, 1968. 25 p.
(Available-Basic report, Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas).
(Not Available-Photographic Supplement and Sample Supplement).

*3. William J. Hoover, Review of a survey on wastage and loss of food grains during the period of transportation and storage and a training course on preservation and marketing of food grains proposed by the Asian productivity organization with Exhibits 1, 2 and 3. Letter to Dr. Alvin D. Ayers, Agriculture and Rural Development Service, Office of War on Hunger, Department of State, AID, Washington, D.C., April 26, 1968. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas).

*4. T. O. Hodges, Rice drying technology and equipment which might be applicable to tropical developing countries. Food and Feed Grain Institute, Kansas State University. Food Grain Drying, Storage, Handling and Transportation No. 1, June, 1968. 43 p.

*5. T. O. Hodges and H. B. Pfost, Brief description for a corn handling facility in tropical areas. Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas. Food Grain Drying, Storage, Handling and Transportation No. 2, June, 1968. 7 p. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas 66502).

*6. John R. Pedersen and T. O. Hodges, Report on grain drying, storage, handling and transportation in the Dominican Republic. Letter to Mr. Robert Bravo, Deputy Chief, Agriculture Development Division, USAID/Dominican Republic, Santo Domingo, June 21, 1968. 4 p. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas)

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*7. T. O. Hodges, Structural requirements of grain bins. Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas. Food Grain Drying, Storage, Handling and Transportation No. 3, July, 1968. 9 p. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas).

*8. John R. Pedersen, A proposal to equip metal silos at Ruseifa and Irbid, Government of Jordan storage sites, with aeration and temperature monitoring equipment. Food and Feed Grain Institute, Kansas State University, August, 1968. 26 p. (Available-Food and Feed Grain Institute, Kansas State University, Manhattan, Kansas).

AID/c
83

Project Title: Research on Farm and Equipment Power Requirements for Production of Rice and Associated Food Crops in the Far East and South Asia.

Contractor: The International Rice Research Institute, AID/dsd-834

A. Regular Periodic Reports:

1. Loyd Johnson, Semi-Annual Substantive Report No. 1, (For the period ending December 31, 1965). 3p. (Out of print)

2. Loyd Johnson, Semi-Annual Substantive Report No. 2, (For the period ending June 30, 1966). 10 p. (Out of print)

3. Loyd Johnson, Stanley S. Johnson, Semi-Annual Substantive Report No. 3, (For the period July 1, 1966 to February 8, 1967). 27 p. (Available - IRRI)

4. Loyd Johnson, Stanley S. Johnson, Semi-Annual Substantive Report No. 4, (For the period July 1, 1966 to June 30, 1967). 49 p. (Available - IRRI

5. Amir U. Khan, Stanley S. Johnson, Semi-Annual Substantive Report No. 5, (For the period July 1, 1967 to December 31, 1967). 23 p. (Available - IRRI)

6. Amir U. Khan, Stanley S. Johnson, Semi-Annual Substantive Report No. 6, (For the Period January 1 to June 30, 1968). 56 p. (Available - IRRI)

7. A. W. Cooper, L. W. Larson, F. P. Smits, J. H. Taylor, and C. S. Chang, Report of USDA National Tillage Machinery Laboratory Study on Rotary Tillage and Traction - January to June 30, 1968. 26 p. (Available-IRRI)

B. Other Publications and Papers:

8. Amir U. Khan, Agricultural Machinery Development at The International Rice Research Institute. Paper presented at the 1968 Meeting of the Philippine Society of Agricultural Engineers, Manila, Philippines

ending December 31, 1965). 3p. (Out of print)

2. Loyd Johnson, Semi-Annual Substantive Report No. 2, (For the period ending June 30, 1966). 10 p. (Out of print)

3. Loyd Johnson, Stanley S. Johnson, Semi-Annual Substantive Report No. 3 (For the period July 1, 1966 to February 8, 1967). 27 p. (Available - IRRI)

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8. Amir U. Khan, Agricultural Machinery Development at The International Rice Research Institute. Paper presented at the 1968 Meeting of the Philippine Society of Agricultural Engineers, Manila, Philippines, June 27-28, 1968. 37 p. (Out of print)

9. Amir U. Khan, Agricultural Machinery Research and Development Program at The International Rice Research Institute. Paper presented at the 1968 Annual Meeting of the Japanese Society of Agricultural Machinery, Kyoto, Japan, April 6-8, 1968. 14 p. (Out of print)

10. Stanley S. Johnson, Performance and Economics of Use of Small Equipment in Tropical Monsoon Countries: The Case of the Philippines, Paper presented at the 1968 Annual Meeting of the Japanese Society of Agricultural Machinery, Kyoto, Japan, April 6-8, 1968. 36 p. (Available-IRRI

11. Stanley S. Johnson, Emilio U. Quintana and Loyd Johnson, Mechanization of Rice Production. Paper presented during the Agricultural Economics Department Workshop Seminar, IRRI, December 8-9, 1967. 35 p. (Available IRRI)

12. Amir U. Khan, Stanley S. Johnson, Rice Mechanization Research at The International Rice Research Institute. Paper presented at The International Farm Machinery Conference, Manila, Philippines, December 12-14 1967. 3 p. (Available-IRRI)

13. Stanley S. Johnson, Mechanization of Paddy Rice Production in the Developing Countries of Asia, (1) Abstract, 1 p. to be published; (2) Paper presented to the Rice Technical Working Group, New Orleans, La., March 1968. (not published)

14. Eliseo L. Ruiz & Stanley S. Johnson, Studies on Trafficability in Soils Rice Soils in the Philippines, Paper presented at the 1968 Meeting of PSAE, Manila, Philippines, June 27-28, 1968. Mimeo. (Available-IRRI)

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Factor Analysis for Accelerating Agricultural Productivity in Less Developed Countries, International Marketing Institute, Cambridge, Massachusetts

Progress Report No. 1 March 31, 1967
Progress Report No. 2 October 1, 1967
Progress Report No. 3 May 31, 1968

Reports can be obtained from International Marketing Institute.

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June 19, 1968

Miss Ruth Lancetti
TCR/ARDS
Agency for International
Development
MAIL STOP 100

Dear Miss Lancetti:

Pursuant to your telephone request, we are providing estimated list prices for the series on Principles of Plant and Animal Pest Control as follows:

	Pub. No.	List Price
1. Principles of Plant & Animal Pest Control: I. Plant Pathogens	1596	$ 6.00
2. Principles of Plant & Animal Pest Control: II. Weeds	1597	10.50
3. Principles of Plant & Animal Pest Control: III. Insects	1695	15.00*
4. Principles of Plant & Animal Pest Control: IV. Plant-Parasitic Nematodes	1696	5.00*
5. Principles of Plant & Animal Pest Control: V. Vertebrates	1697	5.00*
6. Principles of Plant & Animal Pest Control: VI. Effect of Pesticides on Fruit & Vegetable Physiology	1698	4.00*

*/Estimated

Sincerely yours,

H. B. Sprague

Howard B. Sprague
Executive Secretary
Agricultural Board

Rural Development Analysis:
Agriculture Sector Planning Models

No reply to letter received.

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DEPARTMENT OF
AGRICULTURAL ECONOMICS
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1438

August 19, 1968.

Alvin D. Ayers, Acting Director
Agriculture & Rural Development Service
Office of War on Hunger
Department of State
Agency for International Development
Washington D. C. 20523

Dear Mr. Ayers:

Mr. Mellor will be returning to his office in Ithaca on August 26. I will show him your letter of August 9 in which you ask for a list of publications completed and published resulting from research projects under the Agricultural Prices in Economic Development AID contract. After consultation with Mr. Mellor, we will send you the list as soon as we can.

Sincerely yours,

Alice C. Wells

Alice C. Wells (Mrs.)
Secretary to John W. Mellor

AID/csd
786

Project Title: Comparative Study of Food Marketing Systems in LA Countries in Early Stages of Economic Development

Contractor: Michigan State University, AID/csd-786

Publications:

1. Robert W. Nason, Editor, The Role of Food Marketing in the Economic Development of Puerto Rico, A Seminar Summary. Michigan State University, East Lansing, Michigan, 1966. 112 p.

2. Kelly M. Harrison, Vertical Coordination in Selected Product Markets: Puerto Rico 1950-1965. Michigan State University, East Lansing, Michigan, 1966. 6 p. (Currently out of print).

3. Harold Riley and Kelly Harrison, The Changing Systems of Agriculture Production and Marketing in Puerto Rico. Michigan State University, East Lansing, Michigan. 7 p. (Currently out of print).

4. John R. Wish, An Approach to "Achieving Economic Development Through Marketing: Empiricism and Model Building. Michigan State University, East Lansing, Michigan. 8 p. (Currently out of print).

5. Vincent Farace and Thomas Webb, A Tentative Conceptual and Research Framework For the Analysis of the Economic Exchange Process in Developing Countries (Towards Integration of Economic, Marketing, and Communitcation Variables in a Systems Framework). Michigan State University, East Lansing, Michigan, 1966. 37 p. (Currently out of print).

6. Thomas R. Webb and R. Vincent Farace, Systems Analysis of Marketing and Communication in Northeast Brazil. Michigan State University, East Lansing, Michigan, 1966. 24 p. (Currently out of print).

7. Kelly M. Harrison, Agricultural Market Coordination in the Economic Development of Puerto Rico, Ph.D. thesis. Michigan State University, East Lansing, Michigan, 1966. 294 p.

8. John R. Wish, Food Retailing in Economic Development Puerto Rico, 1950-1965, Ph.D. thesis. Michigan State University, East Lansing, Michigan, 1967 309 p.

9. Charles C. Slater, International Regional Development. Michigan State University, East Lansing, Michigan, 1967. 26 p.

10. Harold Riley, Evaluation of Marketing Systems in Latin America. Michigan State University, East Lansing, Michigan 1968. 19 p.

11. John Griggs, The Application of Systems Analysis to Measure the Economic Impact of Marketing Changes, Ph.D. thesis. Michigan State University, East Lansing, Michigan, 1968 197 p.

Project Title: Land Tenure Center

Contractor: University of Wisconsin, AID/repas-3

Publications: See following pages

Submitted to Agency for International Development
August 23, 1968

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"Substantive Report." 44 pp. + appended papers. Annual Report, Land Tenure Center (May 1962-May 1963). Land Tenure Center, University of Wisconsin, Madison, Wisconsin, May 1963.

"Substantive Report." Parts I & II. 105 pp. The Land Tenure Center, A Progress Report, 1964. University of Wisconsin, Madison, Wisconsin, February 1965.

The Land Tenure Center: Its First Three Years. Land Tenure Center, University of Wisconsin, Madison, Wisconsin, May 1965. 43 pp.

The Land Tenure Center: Annual Program Report 1965. Land Tenure Center, University of Wisconsin, Madison, Wisconsin, January 1966. 170 pp.

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The Land Tenure Center Annual Report 1967. Land Tenure Center, University of Wisconsin, Madison, Wisconsin, January 1968. 103 pp.

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No. 1 Peter Dorner and William Thiesenhusen, "Relevant Research Programs to be Conducted in Developing Countries." Journal of Farm Economics, December 1964. 11 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 2 Peter Dorner and Juan Carlos Collarte, "Land Reform in Chile: Proposal for an Institutional Innovation." Inter-American Economic Affairs. 1965. 19 pp.

No. 3 Dale W. Adams, "Land Ownership Patterns in Colombia." Inter-American Economic Affairs. Winter 1965. 9 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 3-S Dale W. Adams, "Tenencia de la Tierra." Agricultura Tropical. Noviembre 1964. 5 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.

No. 4 Baldan Paulson, "Difficulties and Prospects for Community Development in Northeast Brazil." Inter-American Economic Affairs. Spring 1964. 21 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.

No. 5 Peter Dorner, "Land Tenure, Income Distribution and Productivity Interactions." Land Economics. August 1964. 8 pp.

No. 5-S Peter Dorner, "Interacciones entre los sistemas de tenencia de la tierra, la distribución del ingreso y la productividad agrícola." El Trimestre Económico. Oct.-Dic. 11 pp.

No. 6 George W. Hill, "The Agrarian Reform in Costa Rica." Land Economics. February 1964. 8 pp.

No. 7 Raymond Penn, "Understanding the Pressures for Land Reform" Congressional Hearings on Inter-American Economic Relationships. May 1962. 4 pp.

No. 8 Frank Osterhoudt, "Land Titles in Northeast Brazil: The Use of Aerial Photography." Land Economics. November 1965. 6 pp.

No. 9-S John D. Strasma, "Financiamiento de la reforma agraria en el Perú." El Trimestre Económico. Julio-Sept. 1965. 16 pp.

No. 10 Charles W. Anderson, "Toward a Theory of Latin American Politics." Paper of the Graduate Center for Latin American Studies, Vanderbilt University. February 1964. 16 pp.

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No. 11 J. H. Beuscher, "Agriculture in a Multi-State World: A Plea for Empirical, Comparative Legal Studies." Instituto di Diritto Agrario Internazionale e Comparato. Sept.-Oct. 1963. 15 pp.

No. 12 Joseph R. Thome, "Title Problems In Rural Areas of Colombia: A Colonization Example." Inter-American Economic Affairs. Winter 1965. 18 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WON, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

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No. 14 Raymond Penn, "Public Interest in Private Property (Land)." Land Economics. May 1961. 5 pp.

No. 15 Aaron Lipman and A. Eugene Havens, "The Colombian Violencia: An Ex Post Facto Experiment." Social Forces. Dec. 1965. 7 pp.

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No. 17 Dale W. Adams and A. Eugene Havens, "The Use of Socio-Economic Research in Developing a Strategy of Change for Rural Communities: A Colombian Example." Economic Development and Cultural Change. Jan. 1966. 12 pp.

No. 18 Dale W. Adams, "Colombia's Land Tenure System: Antecedents and Problems." Land Economics. Feb. 1966. 10 pp.

No. 19 Peter Müller, "Recent Developments in Land Tenure and Land Policies in Germany." Land Economics. August 1964. 8 pp.

No. 20 Kenneth L. Karst, "Latin American Land Reform: The Uses of Confiscation." Michigan Law Review. December 1964. 45 pp.

No. 21-S William C. Thiesenhusen, "Un experimento de reforma agraria." Desarrollo Económico. Primer Trimestre 1966. 12 pp.

No. 22 William C. Thiesenhusen, "A Cooperative Farming Project in Chile: A Case Study." Journal of Farm Economics. May 1966. 13 pp.

No. 23 William C. Thiesenhusen, "Chilean Agrarian Reform: The Possibility of Gradualistic Turnover of Land." Inter-American Economic Affairs. Summer 1966. 19 pp.

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No. 24 William C. Thiesenhusen, "Agrarian Reform and Economic Development in Chile: Some Cases of Colonization." Land Economics. August 1966. 10 pp.

No. 25 Solon L. Barraclough and Arthur L. Domike, "Agrarian Structure in Seven Latin American Countries." Land Economics. November 1966. 58 pp. (A Spanish version also available.)

No. 26 Charles W. Anderson, "Political Factors in Latin American Economic Development." Journal of International Affairs. Vol. 20, No. 2, 1966. 18 pp.

No. 27 Peter Dorner, "Land Tenure Reform and Agricultural Development in Latin America." Committee ... Hearings on International Finance of the Committee on Banking and Currency. August 1966. 6 pp.

No. 28 Kenneth H. Parsons, "Institutional Aspects of Agricultural Development Policy." Journal of Farm Economics. December 1966. 10 pp.

No. 29 Charles T. Nisbet, "Supervised Credit Programs for Small Farmers in Chile." Inter-American Economic Affairs. Autumn 1967. 14 pp.

No. 30 Joseph R. Thome, "Water Regulation and Land Use: A Colombian Example." Development Digest. October 1967. 5 pp.

No. 31 Don Kanel, "Size of Farm and Economic Development." Indian Journal of Agricultural Economics. April-June 1967. 18 pp.

No. 32-S David Chaplin, "Observaciones sobre lo problemático en el desarrollo industrial del Perú." Revista de Sociología. Vol. 3, No. 5 1966. 18 pp.

No. 33 Richard W. Patch, "Bolivia: The Restrained Revolution." The Annals of the American Academy of Political and Social Science. Vol. 334, 1961. 10 pp.

No. 34 William C. Thiesenhusen and James O. Brey, "Mechanization and the Chilean Inquilino System: The Case of Fundo 'B'." Land Economics. February 1966. 27 pp.

No. 35 William C. Thiesenhusen and Marion R. Brown, "Survey of the Alliance for Progress: Problems of Agriculture." Senate Foreign Relations Committee Paper. December 1967. 29 pp.

No. 36 Terry L. McCoy, "The Seizure of 'Los Cristales': A Case Study of the Marxist Left in Chile." Inter-American Economic Affairs. Vol. 21, No. 1, 1967. 20 pp.

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No. 38 Charles J. Erasmus, "Upper Limits of Peasantry and Agrarian Reform: Bolivia, Venezuela, and Mexico Compared." Ethnology. October 1967. 31 pp.

No. 39 Charles Nisbet, "Interest Rates and Imperfect Competition in the Informal Credit Market of Rural Chile." Economic Development and Cultural Change. October 1967. 18 pp.

No. 40-S Edmundo Flores, "Como funciona el sector agropecuario de México." Comercio Exterior. September 1967. 6 pp.

No. 41 Rogelio Imable Duran, "'Asentamientos' de Chiapas: Cambios en la tenencia de la tierra y en los ingresos de los campesinos." Economía. Primer Cuatrimestre 1967. 10 pp.

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_____ and Michel Romieux, Barrancabermeja: Conflictos sociales en torno a un centro petrolero. A study jointly sponsored by the Land Tenure Center and Facultad de Sociología de la Universidad Nacional de Colombia. Informe Técnico No. 6 Bogotá: Ediciones Tercer Mundo and Facultad de Sociología, 1966. 186 pp.

Gustavo Jimenez Cadena, S.J., Sacerdote y cambio social: Estudio sociológico en los Andes Colombianos. Study sponsored in part by the Land Tenure Center. Colección: Centro de Investigación y Acción Social (CIAS), Bogotá: Ediciones Tercer Mundo, 1967. 290 pp.

Antonio J. Posada F. and Jeanne Anderson Posada, The CVC: Challenge to Underdevelopment and Traditionalism. Study sponsored by the Land Tenure Center. Bogotá: Ediciones Tercer Mundo, 1966. 217 pp.

William C. Thiesenhusen, Chile's Experiments in Agrarian Reform. Study sponsored by Land Tenure Center. Land Economics Monographs No. 1 Madison: The University of Wisconsin Press, 1966. 206 pp.

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No. 1 Russell H. Brannon, Coffee: A Background Study with Primary Emphasis on Guatemala. April 1964. 51 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 2 Ronald L. Tinnermeier, The Role of the National Institute of Tobacco in Increasing Tobacco Production in Colombia. November 1964. 11 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 3 Bernard L. Erven, Farm Loan Repayment Policy Needs in Rio Grande do Sul, Brazil--A Framework for Investigation. November 1964. 40 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

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No. 5 A. Eugene Havens, Social Factors in Economic Development. May 1965. 17 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

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No. 8 A. Eugene Havens, Education in Rural Colombia: An Investment in Human Resources. February 1965. 23 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 9 John D. Powell, Preliminary Report on the Federación Campesina de Venezuela. September 1964. 49 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 10 William C. Thiesenhusen, Chile's Experiments in Agrarian Reform. November 1964. 304 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

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No. 12 Solon H. Paulson, Local Political Patterns in Northeast Brazil: A Community Case Study. August 1964. 58 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 13 Ronald L. Tinnermeier, New Land Settlement in the Eastern Lowlands of Colombia. December 1964. 52 pp.

No. 14 Robert Price, Rural Unionization in Brazil. August 1964. 83 pp.

No. 15 Robert E. Price, The Brazilian Land Reform Statute. April 1965. 20 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

No. 16 Norman Rask, Farm Size and Income: An Economic Study of Small Farm Agriculture in Southern Brazil. April 1965. 32 pp.

No. 17 Michael Sund, Land Tenure and Economic Performance of Agricultural Establishments in Northeast Brazil. April 1965. 42 pp.

No. 18 David Chaplin, Industrialization and the Distribution of Wealth in Peru. July 1966. 35 pp.

No. 19 William L. Flinn, Rural to Urban Migration: A Colombian Case. July 1966. 42 pp.

No. 20 Luiz Fonseca, Information Patterns and Practice Adoption Among Brazilian Farmers. August 1966. 51 pp.

No. 21 Carlos Camacho Saa, Minifundia, Productivity, and Land Reform in Cochabamba. December 1966. 57 pp.

No. 22 Lester Schmid, The Role of Migratory Labor in the Economic Development of Guatemala. July 1967. 51 pp.

No. 23 E. A. Wilkening, Joao Bosco Pinto, and José Pastore, The Role of the Extended Family in Migration and Adaptation in Brazil. August 1967. 20 pp.

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No. 25 L. Harlen Davis, Economics of the Property Tax in Rural Areas of Colombia. September 1967. 125 pp.

No. 26 John D. Powell, The Role of the Federación Campesina in the Venezuelan Agrarian Reform Process. December 1967. 48 pp.

No. 27 Roger G. Johnson and Ruben C. Buse, A Study of Farm Size and Economic Performance in Old Santa Rosa, Rio Grande Do Sul. August 1967. 77 pp.

No. 28-P José Pastore, Fernando Rocha, and Eugene Wilkening, A agricultura e o homem no Distrito Federal, Brasil: Relatório preliminar de uma investigação sociológica. March 1968. 39 pp.

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LTC No. 1 John Strasma, Agrarian Reform, Land Purchase and Industrialization in Peru. September 1965. 21 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

LTC No. 2 Dale Adams and A. Eugene Havens, The Use of Socio-Economic Research in Developing a Strategy of Change for Rural Communities: A Colombian Example. February 1965. 21 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

LTC No. 3 Sergio Maturana, An Attempt to Give a Sociological Interpretation to the Brazilian Coup d'Etat of April 1, 1964. December 1964. 17 pp. (Out of print. Available on loan through office of Contract Monitor, ARDS/WOH, AID Washington; or Land Tenure Center Library, University of Wisconsin.)

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AID/csd-2167
AID/csd-2162

Water Management Research in Arid and Sub-Humid Lands of LDCs

New Project

Project Title: Analysis of programs for the development and improvement of agricultural credit institutions and services

Contractor: The Research Foundation, The Ohio State University, AID/csd-463

Publications:

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